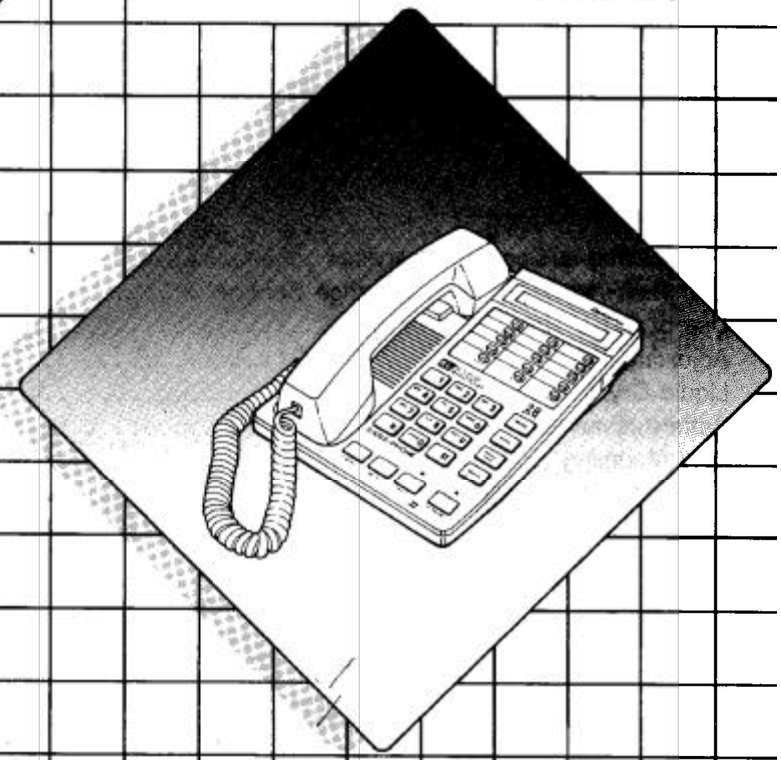
Operating Instructions

INTEGRATED
TELEPHONE SYSTEM

MODEL NO. KX-T2365

EASA-PHONE®
Telephone with Automatic Dialer
and Speakerphone



Panasonic

Please read before use.

Pulse-or-tone dialing capability

Thank you for purchasing the Panasonic Telephone.

When you are required from the telephone company, inform the followings.
- FCC Registration No.; ..... (found on the bottom of the unit)
- Ringer Equivalence; ..... 1.0 B
- The particular line(s) to which the equipment is connected.

La tarjeta de referencia rápida en español puede encontrarse en las páginas 19 ~21.
(Spanish quick reference card can be found on pages 19 ~ 21.)

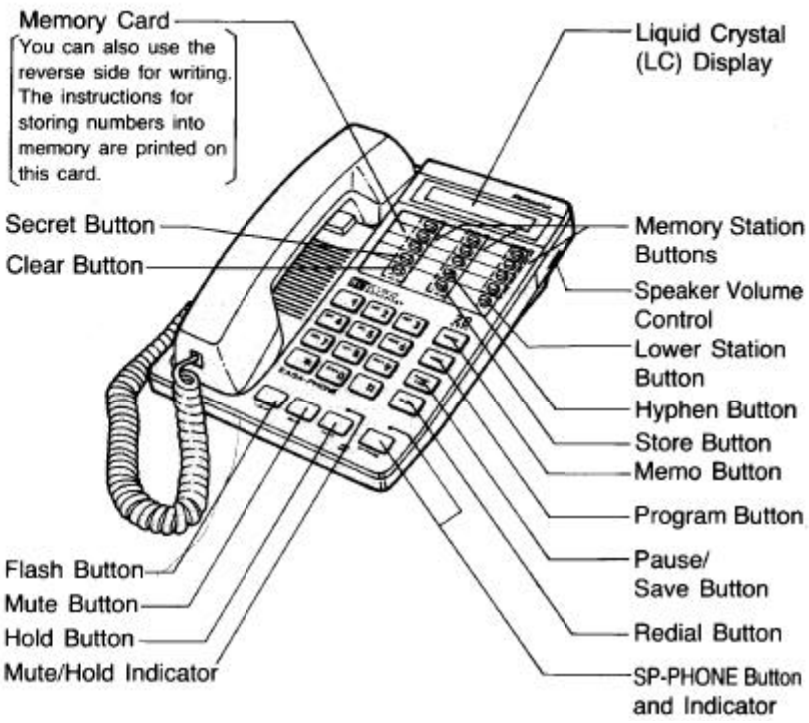
Contents

Location of Controls 2
Preparation 3
Manual Dialing and Receiving 4
Automatic Dialing 5
Storing and Dialing 6
Hold 8
Hands-free 8
Special Phone Company Services 9
Computer-Accessed Long Distance Service 9
Use of Other Features 10
Adjusting Time 11
Liquid Crystal Display 12
Battery Installation 13
Wall Mounting 14
Connection to Telephone Line 15
Troubleshooting Guide 16
Others 17
Important Information 17
Accessory Order Information 17
Tarjeta de Referencia Rápida (Quick Reference Card) 19
Servicenter Directory 22
Warranty ..... Back cover

Accessories

Telephone line cord	1
Handset	1
Handset cord	1
AA size batteries	3

Location of Controls

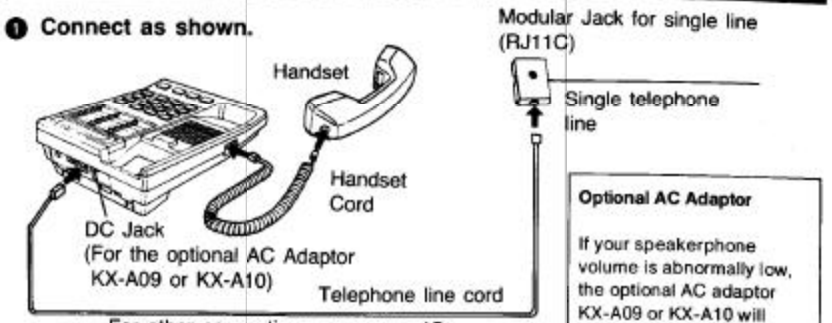


Liquid Crystal Display

- This display is different from real display.

Preparation

❶ Connect as shown.



For other connections, see page 15.

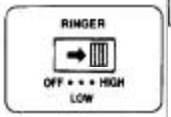
Optional AC Adaptor

If your speakerphone volume is abnormally low, the optional AC adaptor KX-A09 or KX-A10 will improve the volume level.

❷ Ringer Volume Selector:

Set to "HIGH".

LOW: The ringing sound level is low.
OFF: The telephone does not ring.



❸ Dialing Mode Selector:

Set to "TONE".

If dialing cannot be done, set to "PULSE".

❹ Insert the batteries (included) in the proper order as indicated.

For further details, see page 13.

❺ Select the LC Displays' contrast.

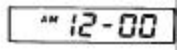
Push → PROG → ✳ → 1 or ABC 2 or DEF 3 → STORE

to choose the best display intensity.

1 : Low intensity
2 : Middle intensity
3 : High intensity

• Push the Program Button until the LC Display shows " PROGRAM ---------- ".

❻ Adjust the time.



The LC Display will blink when first powered on. For further details, see page 11.

Please replace all the batteries every 10 months, or misoperation may occur.

Do not use rechargeable (nickel-cadmium) batteries.
They are partially different in shape and performance and may fail to ensure proper function operation and may damage the unit.

Manual Dialing and Receiving

When the unit is unused, the Liquid Crystal Display will show the present time only.

Using the Handset

Dialing

1 Lift the handset .

2 Push the phone number.

• The LC Display will show the phone number in order of pushing the Dialing button.

3 When the other party answers, start talking.

• The LC Display will show the present time and the length of time that you speak.

4 When you finish, hang up the .

Receiving

Lift the and talk.

• The LC Display will show the present time and the length of time that you speak.

Hands-free

Dialing

1 Push SP-PHONE .

• The SP-PHONE Indicator will light.

2 Push the phone number.

3 When you finish, Push SP-PHONE .

Receiving

Push SP-PHONE and talk.

■ The LC Display will show the same as "Using the Handset".

■ If the batteries are not installed, speakerphone operation cannot be done.

Redialing

If busy, Push REDIAL .

• The LC Display will show " REDIAL " and the redialed number. Also it will show the present time and the length of time that you speak.

■ **When using the handset;**
Depressing the Redial button enables you to redial once.

■ **When using hands-free; (Automatic Redialing)**

Depressing the Redial buttton enables you to redial up to 15 times within a 10-minutes period.

• To cancel automatic redialing,
Push FLASH .

If the Mute/Hold Indicator lights when speaking, push MUTE .

Automatic Dialing

Each Memory button consists of two functions, they are upper and lower memory locations. Each location (Upper+Lower) is capable of storing 16 digits.

CAUTION:
Please do not press any buttons of "automatic dialer" before programming. This is to prevent misoperation of auto dialer function.

Storing Phone Numbers

Be sure the handset is on the cradle, the SP-PHONE button is off and batteries are installed (See page 13).

1 Push [PROG] until a beep is heard.

- The LC Display will show
  " STORE
  - - - - - - - - - - - - ".

2 ■ Home Use (into the upper)

Push → Station button → [1] ··· [PAUSE/SAVE 7] → [STORE]
Phone no.

■ Office Use (PBX) (into the lower)
Depressing the Lower Station button must be done first, then the LC Display will show " LOWER ".

Push → [LOWER] → Station button → [WAY 9] → Line access no.

[PAUSE/SAVE] → [1] ··· [PAUSE/SAVE 7] → [STORE]
Phone no.

- The LC Display will show
  " 9P "
  and the phone number.

3 After storing all the numbers,

Push [PROG].

- The LC Display will show the present time.

■ To change a Stored Number, repeat above procedure.

Dialing

Using the Handset

1 Lift the handset.

2 ■ In using the upper station, Push Station button.

- The LC Display will show the phone number.

■ In using the lower station, Push [LOWER] → Station button.

- The LC Display will show " LOWER " and the phone number.

3 When you finish, hang up the handset.

Hands-free

1 Push [SP-PHONE].

2 ■ In using the upper station, Push Station button.

■ In using the lower station, Push [LOWER] → Station button.

3 When you finish, Push [SP-PHONE].

■ The LC Display will show the same as "Using the Handset"

■ Even while programming numbers, you can answer a call by simply lifting the handset. Programming is cancelled and then reprogramming shall be done.

Storing and Dialing

- **When using the lower station, depressing the Lower Station button must be done first.**

Correcting an Error while Storing

If you notice an error before pushing the Store button:

1 Push [CLEAR].

- The new entry is cleared and the previous storage remains untouched.

2 Repeat steps 2 of "Storing Phone Numbers" on page 5.

Erasing a Stored Number

Be sure the handset is on the cradle and the SP-PHONE button is off.
Example:
To erase the number stored in the lower position of the memory station.

1 Push [PROG].

2 Push [LOWER] → Station button → [STORE].

3 Push [PROG].

Combination Dialing

Any combination dialing can be done.
- **Automatic and Manual Dialing**
- **Pulse and Tone Dialing**
- **Use of more than one station**

Pause Usage

The Pause button function is needed for line access or computer tone.

- A pause is needed in manual dialing for the purpose of redialing.

To wait for a dial tone

Line access
9 — PAUSE — 123...7
One pause is required

To wait for a computer tone

765...1 — PAUSE — PAUSE — 012...6
Two pauses are required

Mute Operation

Use when you do not want your voice to be heard by the other party.

1 Push [MUTE].

- The Mute/Hold Indicator will light.

2 To resume the conversation, Push [MUTE] again.

Adjusting Time

Be sure the handset is on the cradle and the SP-PHONE button is off.

To Adjust

■ **Example: To adjust the LC Display to 8:15 AM**

1 Push [PROG] → [HOLD] .

- The LC Display will show "PROGRAM 12-00".

2 Push [TUV 8] → [1] → [JKL 5] → [STORE] .

- The LC Display will show "PROGRAM 08-15".

3 After adjusting the time, push the "STORE" button within 60 seconds from pushing the last button.

■ **Other example: To adjust the LC Display to 9:05 PM**

1 Push [PROG] → [HOLD] → [#] .

- The LC Display will show "PM 00-00".

2 Push [WXY 9] → [OPER 0] → [JKL 5] → [STORE] .

- The LC Display will show "PM 09-05".

■ When you push [#], the "PM" mode is entered.

If you push [#] once more, the "AM" mode is entered.

■ The STORE button must be pushed according to the time signal to set the seconds.

Correcting an Error while Adjusting

If an error is found during adjustment, push the Dialing button from the beginning of the 4-digit to correct the time.

Example:

Time on the LC Display is 10:49 AM but correct time is 6:30 AM.

Push [OPER 0] → [MNO 6] → [DEF 3] → [OPER 0] .

- The LC Display will show "PROGRAM 06-30".

■ If your adjusted time is not valid (Ex. 19-65);
When you push the "STORE" button, the mode will return to "PROGRAM".

The accuracy of the clock will be approximately ±40 seconds a month at 0°C to 40°C of room temperature.

Liquid Crystal Display

DISPLAY TYPE	WHEN THE DISPLAY SHOWS
" AM 12-00 " is flashing.	When you do not adjust the time.
AM 11-30	When the unit is not in use. • " AM 11-30 "indicates the present time.
AM 00-00	When you push [PROG] and [HOLD] .
AM 09-22 0 15-30	While you are in conversation. • " 0 15-30 " indicates that the length of time that you speak is about 15 minutes 30 seconds.
PROGRAM - - - - - - - - - - -	When you push [PROG] .
REDIAL	When you redial a phone number using the redial feature.
LOWER	When you push [LOWER] .
SAVE	When you redial a phone number using the Saved Number Redial feature.
MEMO	When you push [PROG] , while having a conversation. When you dial a phone number using the Memo Dial feature.
↳	When you push [*] except for the clock adjusting mode.
⋮	When you push [#] except for the clock adjusting mode.
AM	When you push [#] during displaying "PM" while in the clock adjusting mode.
PM	When you push [#] during displaying "AM" while in the clock adjusting mode.
⚡	When you push [FLASH] during programming.
⚲	When you push [PAUSE] .
[ooooo]	When you dial a secret phone number.

Special Phone Company Services

The Flash button can be used for Call Waiting. For more details please see the brochure issued by your telephone company.

Call Waiting

1 While having a conversation, another party calls and a tone is heard.

2 Push [FLASH] lightly.

- The first conversation is placed on hold and the second call can be answered.

3 Push [FLASH] lightly again.

- The first caller can be spoken to again and the second call is placed on hold.
- If the calling party on hold hangs up, the line is terminated.

■ You may access some features of your PBX using the Flash button instead of the hookswitch. Push the Flash button lightly in a dial operation. "Flash" can be stored into memory in the same way as "Storing Phone Numbers" on page 5. Memory station can be used to automatically access to features of your host PBX. Push the Flash button lightly at the position where the hookswitch operation is required in a dial operation when programming into a memory station.

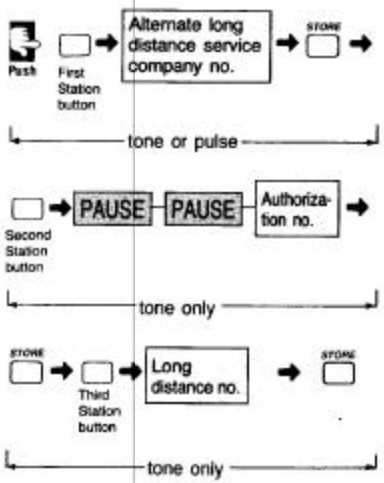
Computer-Accessed Long Distance Service

Two pauses are required for computer access tone.

Example (MCI, SPRINT, etc.):

Phone number into three upper positions of memory stations.

After pushing the Program button,



- 2 or 3 memory stations are required, as one memory cannot store over 16 digits.
- Pushing the Pause button once counts as 1 digit.
- Changing the Dialing Mode Selector counts as 1 digit.
- If you want to change from pulse mode into tone mode during dialing, the [*] button can be used instead of changing the Dialing Mode Selector.

Use of Other Features

You may store a secret phone number and Hyphen.
So the secret phone number will not be seen on the LC Display when dialing.

Example:
Phone number 123-4567 into the upper station and 4567 is the secret number.

Storage

Be sure the handset is on the cradle and the SP-PHONE button is off.

1 Push [PROG].

- The LC Display will show "PROGRAM ----------".

2 Push [Station button] [1] [2] [3] [HYPHEN]
[SECRET] [4] [5] [6] [7]
[SECRET] [STORE].

- The LC Display will show "123-[4567]".
- If you need not Hyphen, do not push the [HYPHEN] button at step 2.
  The LC Display will show "123[4567]".

3 Push [PROG].

- Pushing the HYPHEN button once counts as 2 digits.
- Pushing the SECRET button once counts as 2 digits.

Automatic Dialing

1 Lift the handset or Push [SP-PHONE].

2 Push [Station button].

- The LC Display will show "123-[0000]".

  The last four digits will not be shown.

- If you do not store a hyphen, the LC Display will show "123[0000]".

Storing and Dialing (cont.)

Saved Number Redial

The last dialed number can be stored into the Save button before hanging up (e.g. ··· during a conversation).

This number will be saved until another number is stored again, and can be redialed any time by pushing the Save button.

- This function is useful to store the phone number which you wish to redial after dialing another number.

■ **Storing**

1 Push [Phone no.] to dial.

2 When the called line is busy or while having a conversation,

Push [PROG] → [PAUSE/SAVE].

■ **Dialing**

1 Lift the handset.
or
In hands-free mode; Push [SP-PHONE].

2 Push [PAUSE/SAVE].

Storing during a Conversation (Memo Dial)

While having a conversation, another telephone number can be stored into the Memo button.

So you can dial this number by pushing the Memo button any time you like.

- This function is useful to store a telephone number, which is given to you by the other party.

■ **Storing**

1 While having a conversation,
Push [PROG].

2 Push [Phone no.] → [STORE].

■ **Dialing**

1 Lift the handset or Push [SP-PHONE].

2 Push [MEMO].

■ If you store the new number into the Memo button, the previously stored number will be erased.

Storing the Last Dialed Number (Redial Memory Transfer) and Storing Memo Dialed Number (Memo Dial Transfer)

The last number manually dialed can be stored into a memory station.
Example: To store into the upper station.
Be sure the handset is on the cradle, and the SP-PHONE button is off.

■ **Redial Memory Transfer**

1 Push [PROG].

2 Push [Station button] → [REDIAL] → [STORE].

- The LC Display will show the redialed number.

3 Push [PROG].

■ Up to 30 digits will be dialed when using the redial function.
When storing the last dialed number into memory, the maximum amount of digits can not exceed 16 digits.

■ **Memo Dial Transfer**

The Memo dial number can be stored into a memory station. Follow the procedure of "Redial Memory Transfer" and push the Memo button instead of the Redial button.

Hold

To Place a Call on Hold

While having a conversation,
Push [HOLD].

- The Hold Indicator will blink slowly.
- You may hang up the handset.

To Release Hold

1 ■ **When the handset is being lifted:**

Push [HOLD] again.

■ **When the handset is on the cradle;**

- In using the handset

Lift the handset.

or

- In hands-free mode

Push [SP-PHONE].

2 Start talking.

Connecting Another Telephone in Parallel

To release a hold using another telephone connected on the same line:

Lift the handset of the other telephone.

Hands-free

Switching to Hands-free or Handset during a Conversation

You may choose to use the handset or hands-free.

Hands-free ➡ Handset
Switch to

Lift the handset.

- The SP-PHONE Indicator will go out.

Handset ➡ Hands-free
Switch to

1 Push [SP-PHONE].

- The SP-PHONE Indicator will light.

2 Hang up the handset.

■ Before hanging up, you must push the SP-PHONE button.

Helpful Hints for Hands-free

■ **If the other party finds it difficult to hear your voice:**
Lower the sound level using the Volume Control or speak louder.

■ **Absorbing echoes**
Use in a room that has curtains or carpeting.

■ **Talk well**
If some part of conversation is lost while talking, speak alternately.